# SIEMENS

#### Data sheet

### 3SU1100-2BF10-1BA0



Selector switch, Illuminable 22 mm, round, plastic, black, knob, short 2 switch positions O-I, latching, 10:30h/13:30h, with holder, 1 NO, screw terminal

product brand name         SRIUS ACT           product designation         Selector switches           design of the product         Complete unit           product line         Plastic, black, 22 mm           manufacturer's article number         SSU1400-1AA10-1EA0           • of supplied contact module at position 1         SSU1400-1AA10-1EA0           • of the supplied holder         2SU150-0AA10-0AA0           • of the supplied dutator         3SU1500-2XBF10-0AA0           Enclosure         Total and the actualing element           design of the actuating element         Selector, short           design of the actuating element         IaActuator           product schemison optional light source         Yes           color of the actuating element         plastic           product schemison optional light source         1           number of contact modules         1           number of contact modules         1           number of switching positions         2           actuating element         solar           outer diameter of the actuating element         1           number of contact modules         1           number of contact modules         1           number of the actuating element         solar           actuating ang	•	
design of the product       Complete unit         product type designation       3SU1         product line       Plastic, black, 22 mm         manufacturer's article number       -         • of supplied contact module at position 1       3SU1400-1AA10-1BA0         • of the supplied holder       3SU1550-0AA10-0AA0         • of the supplied contact module at position 1       3SU1550-0AA10-0AA0         • of the supplied contact module at position 1       3SU1550-0AA10-0AA0         • of the supplied contact module at position 1       3SU1550-0AA10-0AA0         • of the supplied contact module at position 1       3SU1550-0AA10-0AA0         Enclosure       -         number of command points       1         Actuator       -         design of the actuating element       Tatching, 90° (10:30 h/13:30 h)         principle of operation of the actuating element       Tatching, 90° (10:30 h/13:30 h)         product extension optional flop source       Yes         color of the actuating element       plastic         shape of the actuating element       plastic         outer diameter of the actuating element       92.3 mm         number of soutching positions       2         actuating angle       90°         • odockwise       90°         Fro	product brand name	SIRIUS ACT
product type designation         3SU1           product line         Plastic, black, 22 mm           manufacturer's article number            • of supplied contact module at position 1         3SU1400-1AA10-1BA0           • of the supplied contact module at position 1         3SU1550-0AA10-0AA0           • of the supplied actuator         3SU1002-2BF10-0AA0           Enclosure            number of command points         1           Actuator         Selector, short           design of the actuating element         Iatching, 90° (10:30 h/13:30 h)           product extension optional light source         Yes           color of the actuating element         black           material of the actuating element         plastic           shape of the actuating element         sourd           number of switching positions         2           actuating angle         90°           • clockwise         90°           Product component front ring         plastic           totak         Jestic           indication ring         plastic           ottact modules         1           number of switching positions         2           actuating angle         90°           • front ring         plasti	product designation	Selector switches
product line         Plastic, black, 22 mm           manufacturer's article number         2SU1400-1AA10-1BA0           • of the supplied dontact module at position 1         2SU1400-1AA10-1BA0           • of the supplied holder         3SU1500-0AA0           • of the supplied actuator         2SU1500-0AA0           Enclosure         mumber of command points           number of command points         1           Actuator         Selector, short           principle of operation of the actuating element         latching, 90° (10:30 h/13:30 h)           product extension optional light source         Yes           color of the actuating element         plastic           shape of the actuating element         plastic           outer diameter of the actuating element         32.3 mm           number of contact modules         1           number of contact modules         1           number of contact modules         2           actuating angle         90°           • olockwise         90°           Front ring         plastic           color of the front ring         standard           material of the front ring         plastic           color of the front ring         plastic           color of the front ring         plastic	design of the product	Complete unit
manufacturer's article number     SSU1400-1AA10-1BA0       • of supplied contact module at position 1     SSU1550-0AA10-0AA0       • of the supplied cholder     SSU1550-0AA10-0AA0       • of the supplied actuator     SSU1500-228E10-0AA0       Enclosure     Immber of command points     1       Actuator     design of the actuating element     Selector, short       principle of operation of the actuating element     Iatching, 90° (10:30 h/13:30 h)       product extension optional light source     Yes       color of the actuating element     black       material of the actuating element     plastic       shape of the actuating element     32.3 mm       number of contact modules     1       number of the front ring     90°       e clockwise     90°       Front ring     plastic       color of the front ring     plastic       color of the front ring     plastic       color of the front ring     plastic       product component light source     0       General technical data     0       product function positive opening     No       product function positie opening <t< th=""><th>product type designation</th><th>3SU1</th></t<>	product type designation	3SU1
	product line	Plastic, black, 22 mm
of the supplied holder     of the supplied actuator     of the supplied actuator     asturises of example of command points     actuator     actuator     design of the actuating element     principle of operation of the actuating element     principle of operation of the actuating element     product extension optional light source     outer diameter of the actuating element     actuating alge     olockwise     good     front ring     product component front ring     design of the front ring     design of the front ring     design of the front ring     plastic     color of the ront ring     color o	manufacturer's article number	
• of the supplied actuator     3SU1002-28F10-0AAQ       Enclosure     1       Actuator     1       Actuator     1       design of the actuating element     Selector, short       principle of operation of the actuating element     Iatching, 90° (10:30 h/13:30 h)       principle of operation of the actuating element     Iatching, 90° (10:30 h/13:30 h)       principle of operation of the actuating element     black       material of the actuating element     plastic       shape of the actuating element     sound       outer diameter of the actuating element     round       outer diameter of the actuating element     32.3 mm       number of switching positions     2       actuating angle     00°       • clockwise     90°       Front ring     glastic       product component front ring     standard       material of the front ring     plastic       color of the front ring     plastic       black     Holder       Holder     Plastic       Display     0       Ceneral technical data     0       product function positive opening     No	<ul> <li>of supplied contact module at position 1</li> </ul>	<u>3SU1400-1AA10-1BA0</u>
Enclosure       1         Actuator       Gesign of the actuating element       Selector, short         principle of operation of the actuating element       latching, 90° (10:30 h/13:30 h)         product extension optional light source       Yes         color of the actuating element       black         material of the actuating element       plastic         shape of the actuating element       22.3 mm         number of switching positions       2         actuating angle       0°         • clockwise       90°         Front ring       Yes         design of the front ring       Yes         design of the holder       Plastic         color of the holder       Plastic         product component front ring       black         holder       material of the holder         plastic       0         Color of the front ring       black         holder       Plastic         Display       0         number of LED modules       0         General technical data       product function positive opening         product function positive opening       No         product function positive opening       No         product function positive opening       No	<ul> <li>of the supplied holder</li> </ul>	<u>3SU1550-0AA10-0AA0</u>
number of command points       1         Actuator	<ul> <li>of the supplied actuator</li> </ul>	<u>3SU1002-2BF10-0AA0</u>
Actuator         design of the actuating element       Selector, short         principle of operation of the actuating element       latching, 90° (10:30 h/13:30 h)         product extension optional light source       Yes         color of the actuating element       black         material of the actuating element       plastic         shape of the actuating element       round         outer diameter of the actuating element       32.3 mm         number of switching positions       2         actuating angle       -         e clockwise       90°         Front ring       Yes         design of the front ring       standard         material of the front ring       black         Holder       Plastic         Display       0         number of LED modules       0         General technical data       product component light source         product function positive opening       No         product component light source       No         insulation voltage rated value       500 V	Enclosure	
design of the actuating element     Selector, short       principle of operation of the actuating element     latching, 90° (10:30 h/13:30 h)       product extension optional light source     Yes       color of the actuating element     black       material of the actuating element     plastic       shape of the actuating element     round       outer diameter of the actuating element     32.3 mm       number of contact modules     1       number of switching positions     2       actuating angle     -       - oclor of the front ring     Yes       product component front ring     Yes       design of the front ring     plastic       color of the holder     Plastic       Display     0       General technical data     0       grout function positive opening     No       product function positive opening     No       product function positive opening     No	number of command points	1
principle of operation of the actuating element     latching, 90° (10:30 h/13:30 h)       product extension optional light source     Yes       color of the actuating element     black       material of the actuating element     plastic       shape of the actuating element     round       outer diameter of the actuating element     32.3 mm       number of contact modules     1       number of switching positions     2       actuating angle     • clockwise       • clockwise     90°       Front ring     Yes       design of the front ring     standard       material of the holder     plastic       color of the front ring     black       Holder     material of the holder       plastic     0       General technical data     0       product function positive opening     No       product function positive opening     No	Actuator	
product extension optional light source       Yes         color of the actuating element       black         material of the actuating element       plastic         shape of the actuating element       round         outer diameter of the actuating element       32.3 mm         number of contact modules       1         number of switching positions       2         actuating angle       -         • clockwise       90°         Front ring       Yes         design of the front ring       Yes         design of the front ring       plastic         color of the front ring       black         Holder       Plastic         material of the holder       Plastic         Display       0         General technical data       0         groduct function positive opening       No         product component light source       No         insulation voltage rated value       500 V	design of the actuating element	Selector, short
color of the actuating element       black         material of the actuating element       plastic         shape of the actuating element       round         outer diameter of the actuating element       32.3 mm         number of contact modules       1         number of switching positions       2         actuating angle       -         • clockwise       90°         Front ring       Yes         gesign of the front ring       yes         design of the front ring       plastic         color of the front ring       plastic         product function positive opening       No         product function positive opening       No         <	principle of operation of the actuating element	latching, 90° (10:30 h/13:30 h)
Instant of the actuating element     plastic       shape of the actuating element     round       outer diameter of the actuating element     32.3 mm       number of contact modules     1       number of switching positions     2       actuating angle     • clockwise       • clockwise     90°       Front ring     Yes       product component front ring     Yes       design of the front ring     plastic       color of the front ring     plastic       color of the front ring     plastic       color of the holder     Plastic       Display     0       number of LED modules     0       General technical data     No       product component light source     No       insulation voltage rated value     500 V	product extension optional light source	Yes
shape of the actuating element       round         outer diameter of the actuating element       32.3 mm         number of contact modules       1         number of switching positions       2         actuating angle       2         • clockwise       90°         Front ring       Yes         product component front ring       Yes         design of the front ring       plastic         color of the front ring       plastic         color of the front ring       black         Holder       material of the holder         Display       0         General technical data       0         product component light source       No         insulation voltage rated value       500 V	color of the actuating element	black
outer diameter of the actuating element       32.3 mm         number of contact modules       1         number of switching positions       2         actuating angle       90°         • clockwise       90°         Front ring       Yes         design of the front ring       standard         material of the front ring       plastic         color of the front ring       black         Holder       Plastic         Display       0         number of LED modules       0         General technical data       No         product component light source       No         insulation voltage rated value       500 V	material of the actuating element	plastic
number of contact modules       1         number of switching positions       2         actuating angle       90°         • clockwise       90°         Front ring       Yes         gesign of the front ring       standard         material of the front ring       plastic         color of the front ring       black         Holder       Plastic         Display       0         number of LED modules       0         General technical data       No         product component light source       No         insulation voltage rated value       500 V	shape of the actuating element	round
number of switching positions       2         actuating angle       90°         • clockwise       90°         Front ring       90°         product component front ring       Yes         design of the front ring       standard         material of the front ring       plastic         color of the front ring       black         Holder       Plastic         material of the holder       Plastic         Display       0         General technical data       0         product function positive opening       No         product component light source       No         insulation voltage rated value       500 V	outer diameter of the actuating element	32.3 mm
actuating angle     90°       Front ring     90°       product component front ring     Yes       design of the front ring     standard       material of the front ring     plastic       color of the front ring     black       Holder     material of the holder       material of the holder     Plastic       Display     0       General technical data     0       product function positive opening     No       product component light source     No       insulation voltage rated value     500 V	number of contact modules	1
• clockwise       90°         Front ring       Yes         product component front ring       Standard         material of the front ring       plastic         color of the front ring       black         Holder       Plastic         material of the holder       Plastic         Display       0         General technical data       0         product function positive opening       No         product component light source       No         insulation voltage rated value       500 V	number of switching positions	2
Front ring       Yes         design of the front ring       standard         material of the front ring       plastic         color of the front ring       black         Holder       Plastic         material of the holder       Plastic         Display       0         General technical data       0         product function positive opening       No         product component light source       No         insulation voltage rated value       500 V	actuating angle	
product component front ring       Yes         design of the front ring       standard         material of the front ring       plastic         color of the front ring       black         Holder       Plastic         material of the holder       Plastic         Display       0         General technical data       0         product function positive opening       No         product component light source       No         insulation voltage rated value       500 V	clockwise	90°
design of the front ring       standard         material of the front ring       plastic         color of the front ring       black         Holder       Plastic         material of the holder       Plastic         Display       0         General technical data       0         product function positive opening       No         product component light source       No         insulation voltage rated value       500 V	Front ring	
material of the front ring       plastic         color of the front ring       black         Holder       Plastic         material of the holder       Plastic         Display       0         number of LED modules       0         General technical data       Product function positive opening         product component light source       No         insulation voltage rated value       500 V	product component front ring	Yes
color of the front ring       black         Holder       Plastic         material of the holder       Plastic         Display       0         number of LED modules       0         General technical data       Product function positive opening         product component light source       No         insulation voltage rated value       500 V	design of the front ring	standard
Holder         material of the holder       Plastic         Display       0         number of LED modules       0         General technical data       0         product function positive opening       No         product component light source       No         insulation voltage rated value       500 V	material of the front ring	plastic
material of the holder     Plastic       Display     0       number of LED modules     0       General technical data       product function positive opening     No       product component light source     No       insulation voltage rated value     500 V	color of the front ring	black
Display     0       number of LED modules     0       General technical data     0       product function positive opening     No       product component light source     No       insulation voltage rated value     500 V	Holder	
number of LED modules     0       General technical data       product function positive opening     No       product component light source     No       insulation voltage rated value     500 V	material of the holder	Plastic
General technical data         product function positive opening       No         product component light source       No         insulation voltage rated value       500 V	Display	
product function positive opening     No       product component light source     No       insulation voltage rated value     500 V	number of LED modules	0
product component light source     No       insulation voltage rated value     500 V	General technical data	
insulation voltage rated value 500 V	product function positive opening	No
	product component light source	No
degree of pollution 3	insulation voltage rated value	500 V
	degree of pollution	3

type of voltage of the operating voltage	AC/DC
surge voltage resistance rated value	6 kV
protection class IP	IP66, IP67, IP69(IP69K)
of the terminal	IP20
degree of protection NEMA rating	1, 2, 3, 3R, 4, 4X, 12, 13
shock resistance	
<ul> <li>according to IEC 60068-2-27</li> </ul>	sinusoidal half-wave 15g / 11 ms
<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
vibration resistance	
<ul> <li>according to IEC 60068-2-6</li> </ul>	10 500 Hz: 5g
<ul> <li>for railway applications according to EN 61373</li> </ul>	Category 1, Class B
operating frequency maximum	1 800 1/h
mechanical service life (operating cycles) typical	1 000 000
electrical endurance (operating cycles) typical	10 000 000
thermal current	10 A
reference code according to IEC 81346-2	S
continuous current of the C characteristic MCB	10 A: for a short-circuit current smaller than 400 A
continuous current of the quick DIAZED fuse link	10 A
continuous current of the DIAZED fuse link gG	10 A
Substance Prohibitance (Date)	10/01/2014
operating voltage	
• at AC	
	5 500 \/
— at 50 Hz rated value	5 500 V
— at 60 Hz rated value	5 500 V
at DC rated value	5 500 V
Power Electronics	
contact reliability	One maloperation per 100 million (17 V, 5 mA), one maloperation per 10 million (5 V, 1 mA)
Auxiliary circuit	
design of the contact of auxiliary contacts	Silver alloy
number of NC contacts for auxiliary contacts	0
number of NO contacts for auxiliary contacts	1
· · · · · · · · · · · · · · · · · · ·	1
number of NO contacts for auxiliary contacts	1 screw terminal
number of NO contacts for auxiliary contacts Connections/ Terminals	
number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories	screw terminal
number of NO contacts for auxiliary contacts Connections/ Terminals type of electrical connection • of modules and accessories type of connectable conductor cross-sections	screw terminal Screw-type terminal
number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing	screw terminal Screw-type terminal 2x (0.5 0.75 mm²)
number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing       • solid without core end processing	screw terminal Screw-type terminal 2x (0.5 0.75 mm <sup>2</sup> ) 2x (1.0 1.5 mm <sup>2</sup> )
number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing         • finely stranded with core end processing	screw terminal Screw-type terminal 2x (0.5 0.75 mm <sup>2</sup> ) 2x (1.0 1.5 mm <sup>2</sup> ) 2x (0.5 1.5 mm <sup>2</sup> )
number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing         • finely stranded with core end processing         • finely stranded with core end processing	screw terminal Screw-type terminal 2x (0.5 0.75 mm <sup>2</sup> ) 2x (1.0 1.5 mm <sup>2</sup> ) 2x (0.5 1.5 mm <sup>2</sup> ) 2x (1,0 1,5 mm <sup>2</sup> )
number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing         • finely stranded with core end processing         • finely stranded without core end processing         • for AWG cables	screw terminal Screw-type terminal 2x (0.5 0.75 mm <sup>2</sup> ) 2x (1.0 1.5 mm <sup>2</sup> ) 2x (0.5 1.5 mm <sup>2</sup> ) 2x (1,0 1,5 mm <sup>2</sup> ) 2x (1,8 14)
number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing         • finely stranded with core end processing         • finely stranded without core end processing         • for AWG cables         tightening torque of the screws in the bracket	screw terminal Screw-type terminal 2x (0.5 0.75 mm <sup>2</sup> ) 2x (1.0 1.5 mm <sup>2</sup> ) 2x (0.5 1.5 mm <sup>2</sup> ) 2x (1,0 1,5 mm <sup>2</sup> ) 2x (18 14) 1 1.2 N·m
number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing         • finely stranded with core end processing         • finely stranded without core end processing         • for AWG cables         tightening torque of the screws in the bracket         tightening torque with screw-type terminals	screw terminal Screw-type terminal 2x (0.5 0.75 mm <sup>2</sup> ) 2x (1.0 1.5 mm <sup>2</sup> ) 2x (0.5 1.5 mm <sup>2</sup> ) 2x (1,0 1,5 mm <sup>2</sup> ) 2x (1,8 14)
number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing         • finely stranded with core end processing         • finely stranded without core end processing         • for AWG cables         tightening torque of the screws in the bracket         tightening torque with screw-type terminals         Safety related data	screw terminal Screw-type terminal 2x (0.5 0.75 mm <sup>2</sup> ) 2x (1.0 1.5 mm <sup>2</sup> ) 2x (0.5 1.5 mm <sup>2</sup> ) 2x (1,0 1,5 mm <sup>2</sup> ) 2x (18 14) 1 1.2 N·m
number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing         • finely stranded with core end processing         • finely stranded without core end processing         • for AWG cables         tightening torque of the screws in the bracket         tightening torque with screw-type terminals         Safety related data         proportion of dangerous failures	screw terminal Screw-type terminal 2x (0.5 0.75 mm <sup>2</sup> ) 2x (1.0 1.5 mm <sup>2</sup> ) 2x (0.5 1.5 mm <sup>2</sup> ) 2x (1,0 1,5 mm <sup>2</sup> ) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m
number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing         • finely stranded with core end processing         • finely stranded with core end processing         • for AWG cables         tightening torque of the screws in the bracket         tightening torque with screw-type terminals         Safety related data         proportion of dangerous failures         • with low demand rate according to SN 31920	screw terminal Screw-type terminal 2x (0.5 0.75 mm <sup>2</sup> ) 2x (1.0 1.5 mm <sup>2</sup> ) 2x (0.5 1.5 mm <sup>2</sup> ) 2x (1,0 1,5 mm <sup>2</sup> ) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m 20 %
number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing         • finely stranded with core end processing         • finely stranded without core end processing         • for AWG cables         tightening torque of the screws in the bracket         tightening torque with screw-type terminals         Safety related data         proportion of dangerous failures         • with low demand rate according to SN 31920         • with high demand rate according to SN 31920	screw terminal Screw-type terminal 2x (0.5 0.75 mm <sup>2</sup> ) 2x (1.0 1.5 mm <sup>2</sup> ) 2x (0.5 1.5 mm <sup>2</sup> ) 2x (1,0 1,5 mm <sup>2</sup> ) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m
number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing         • finely stranded with core end processing         • finely stranded without core end processing         • for AWG cables         tightening torque of the screws in the bracket         tightening torque with screw-type terminals         Safety related data         proportion of dangerous failures         • with low demand rate according to SN 31920         B10 value with high demand rate according to SN 31920	screw terminal Screw-type terminal 2x (0.5 0.75 mm <sup>2</sup> ) 2x (1.0 1.5 mm <sup>2</sup> ) 2x (0.5 1.5 mm <sup>2</sup> ) 2x (1,0 1,5 mm <sup>2</sup> ) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m 20 %
number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing         • finely stranded with core end processing         • finely stranded without core end processing         • for AWG cables         tightening torque of the screws in the bracket         tightening torque with screw-type terminals         Safety related data         proportion of dangerous failures         • with low demand rate according to SN 31920         • with high demand rate according to SN 31920	screw terminal Screw-type terminal 2x (0.5 0.75 mm <sup>2</sup> ) 2x (1.0 1.5 mm <sup>2</sup> ) 2x (0.5 1.5 mm <sup>2</sup> ) 2x (1,0 1,5 mm <sup>2</sup> ) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m
number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing         • finely stranded with core end processing         • finely stranded without core end processing         • for AWG cables         tightening torque of the screws in the bracket         tightening torque with screw-type terminals         Safety related data         proportion of dangerous failures         • with low demand rate according to SN 31920         B10 value with high demand rate according to SN 31920         failure rate [FIT] with low demand rate according to SN	screw terminal         Screw-type terminal         2x (0.5 0.75 mm²)         2x (1.0 1.5 mm²)         2x (0.5 1.5 mm²)         2x (1,0 1,5 mm²)         2x (18 14)         1 1.2 N·m         0.8 0.9 N·m
number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing         • finely stranded with core end processing         • finely stranded without core end processing         • for AWG cables         tightening torque of the screws in the bracket         tightening torque with screw-type terminals         Safety related data         proportion of dangerous failures         • with low demand rate according to SN 31920         B10 value with high demand rate according to SN 31920         failure rate [FIT] with low demand rate according to SN 31920         failure rate [FIT] with low demand rate according to SN 31920         Ambient conditions	screw terminal         Screw-type terminal         2x (0.5 0.75 mm²)         2x (1.0 1.5 mm²)         2x (0.5 1.5 mm²)         2x (1,0 1,5 mm²)         2x (18 14)         1 1.2 N·m         0.8 0.9 N·m
number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing         • finely stranded with core end processing         • finely stranded with core end processing         • finely stranded without core end processing         • for AWG cables         tightening torque of the screws in the bracket         tightening torque of the screws in the bracket         tightening torque with screw-type terminals         Safety related data         proportion of dangerous failures         • with low demand rate according to SN 31920         B10 value with high demand rate according to SN 31920         failure rate [FIT] with low demand rate according to SN 31920         failure rate [FIT] with low demand rate according to SN 31920         Ambient conditions         ambient temperature	screw terminal         Screw-type terminal         2x (0.5 0.75 mm²)         2x (1.0 1.5 mm²)         2x (0.5 1.5 mm²)         2x (1,0 1,5 mm²)         2x (18 14)         1 1.2 N·m         0.8 0.9 N·m
number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing         • finely stranded with core end processing         • finely stranded with core end processing         • finely stranded without core end processing         • finely stranded without core end processing         • for AWG cables         tightening torque of the screws in the bracket         tightening torque with screw-type terminals         Safety related data         proportion of dangerous failures         • with low demand rate according to SN 31920         B10 value with high demand rate according to SN 31920         failure rate [FIT] with low demand rate according to SN 31920         failure rate [FIT] with low demand rate according to SN 31920         Ambient conditions         ambient temperature         • during operation	screw terminal Screw-type terminal 2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m 20 % 20 % 20 % 100 000 100 FIT -25 +70 °C
number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection <ul> <li>of modules and accessories</li> <li>type of connectable conductor cross-sections</li> <li>solid with core end processing</li> <li>solid without core end processing</li> <li>finely stranded with core end processing</li> <li>finely stranded without core end processing</li> <li>finely stranded without core end processing</li> <li>for AWG cables</li> </ul> <li>tightening torque of the screws in the bracket</li> <li>tightening torque with screw-type terminals</li> <li>Safety related data</li> <li>proportion of dangerous failures             <ul> <li>with how demand rate according to SN 31920</li> <li>with high demand rate according to SN 31920</li> </ul> </li> <li>B10 value with high demand rate according to SN 31920</li> <li>failure rate [FIT] with low demand rate according to SN 31920</li> <li>failure rate [FIT] with low demand rate according to SN 31920</li> <li>failure rate [FIT] with low demand rate according to SN 31920</li>	screw terminal Screw-type terminal 2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m 20 % 20 % 20 % 100 000 100 FIT -25 +70 °C -40 +80 °C
number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing         • finely stranded with core end processing         • finely stranded with core end processing         • finely stranded without core end processing         • finely stranded without core end processing         • for AWG cables         tightening torque of the screws in the bracket         tightening torque with screw-type terminals         Safety related data         proportion of dangerous failures         • with low demand rate according to SN 31920         B10 value with high demand rate according to SN 31920         failure rate [FIT] with low demand rate according to SN 31920         failure rate [FIT] with low demand rate according to SN 31920         Ambient conditions         ambient temperature         • during operation	screw terminal Screw-type terminal 2x (0.5 0.75 mm²) 2x (1.0 1.5 mm²) 2x (0.5 1.5 mm²) 2x (1,0 1,5 mm²) 2x (18 1,5 mm²) 2x (18 14) 1 1.2 N·m 0.8 0.9 N·m 20 % 20 % 20 % 100 000 100 FIT -25 +70 °C
number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection       • of modules and accessories         type of connectable conductor cross-sections       • solid with core end processing         • solid with core end processing       • solid without core end processing         • finely stranded with core end processing       • finely stranded without core end processing         • finely stranded without core end processing       • for AWG cables         tightening torque of the screws in the bracket       tightening torque of the screws in the bracket         tightening torque with screw-type terminals       Safety related data         proportion of dangerous failures       • with low demand rate according to SN 31920         B10 value with high demand rate according to SN 31920       Failure rate [FIT] with low demand rate according to SN 31920         failure rate [FIT] with low demand rate according to SN 31920       Ambient conditions         ambient temperature       • during operation         • during storage       environmental category during operation according to IEC	screw terminal Screw-type terminal 2x (0.5 0.75 mm <sup>2</sup> ) 2x (1.0 1.5 mm <sup>2</sup> ) 2x (0.5 1.5 mm <sup>2</sup> ) 2x (1.0 1,5
number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection       • of modules and accessories         type of connectable conductor cross-sections       • solid with core end processing         • solid with core end processing       • solid without core end processing         • finely stranded with core end processing       • finely stranded without core end processing         • finely stranded without core end processing       • for AWG cables         tightening torque of the screws in the bracket       tightening torque of the screws in the bracket         tightening torque with screw-type terminals       Safety related data         proportion of dangerous failures       • with low demand rate according to SN 31920         B10 value with high demand rate according to SN 31920       failure rate [FIT] with low demand rate according to SN 31920         failure rate [FIT] with low demand rate according to SN 31920       failure rate [FIT] with low demand rate according to SN 31920         Ambient conditions       ambient temperature       • during operation         • during storage       environmental category during operation according to IEC 60721	screw terminal Screw-type terminal 2x (0.5 0.75 mm <sup>2</sup> ) 2x (1.0 1.5 mm <sup>2</sup> ) 2x (0.5 1.5 mm <sup>2</sup> ) 2x (1.0 1,5
number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid with core end processing         • finely stranded with core end processing         • finely stranded without core end processing         • for AWG cables         tightening torque of the screws in the bracket         tightening torque of the screws in the bracket         tightening torque of the screw-type terminals         Safety related data         proportion of dangerous failures         • with low demand rate according to SN 31920         • with high demand rate according to SN 31920         B10 value with high demand rate according to SN 31920         failure rate [FIT] with low demand rate according to SN 31920         failure rate [FIT] with low demand rate according to SN 31920         Ambient conditions         ambient temperature         • during operation         • during storage         environmental category during operation according to IEC 60721         Environmental footprint	screw terminal         Screw-type terminal         2x (0.5 0.75 mm²)         2x (1.0 1.5 mm²)         2x (0.5 1.5 mm²)         2x (1,0 1,5 mm²)         2x (18 14)         1 1.2 N·m         0.8 0.9 N·m         20 %         20 %         100 000         100 FIT         -25 +70 °C         -40 +80 °C         3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)
number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing         • finely stranded with core end processing         • finely stranded without core end processing         • for AWG cables         tightening torque of the screws in the bracket         tightening torque of the screws in the bracket         tightening torque of the screws in the bracket         tightening torque with screw-type terminals         Safety related data         proportion of dangerous failures         • with low demand rate according to SN 31920         B10 value with high demand rate according to SN 31920         failure rate [FIT] with low demand rate according to SN 31920         failure rate [FIT] with low demand rate according to SN 31920         failure rate [FIT] with low demand rate according to SN 31920         failure intemperature         • during operation         • during operation         • during storage         environmental category during operation according to IEC 60721         Environmental footprint         Environmental P	screw terminal         Screw-type terminal         2x (0.5 0.75 mm²)         2x (1.0 1.5 mm²)         2x (0.5 1.5 mm²)         2x (1,0 1,5 mm²)         20 %         100 000         100 FIT         -25 +70 °C         -40 +80 °C         3M6, 3S2, 3B2, 3C3, 3K6 (with relative air humidity of 10 95%, no condensation in operation permitted for all devices behind front panel)         Yes
number of NO contacts for auxiliary contacts         Connections/ Terminals         type of electrical connection         • of modules and accessories         type of connectable conductor cross-sections         • solid with core end processing         • solid without core end processing         • finely stranded with core end processing         • finely stranded without core end processing         • for AWG cables         tightening torque of the screws in the bracket         tightening torque of the screw-type terminals         Safety related data         proportion of dangerous failures         • with how demand rate according to SN 31920         • with high demand rate according to SN 31920         failure rate [FIT] with low demand rate according to SN 31920         failure rate [FIT] with low demand rate according to SN 31920         failure rate [FIT] with low demand rate according to SN 31920         failure rate [FIT] with low demand rate according to SN 31920         failure rate [FIT] with low demand rate according to SN 31920         failure rate [FIT] with low demand rate according to SN 31920         failure rate [FIT] with low demand rate according to SN 31920         failure rate [FIT] with low demand rate according to SN 31920         failure rate [FIT] with low demand rate according to SN 319	screw terminal         Screw-type terminal         2x (0.5 0.75 mm²)         2x (1.0 1.5 mm²)         2x (1.0 1.5 mm²)         2x (1.0 1.5 mm²)         2x (1.0 1,5 mm²)         2x (1.1,5 mm²)         20 %         100 000         100 000         100 FIT         -25 +70 °C         -40 +80 °C         3M6, 3S2, 3B2, 3C3, 3K6 (with relative

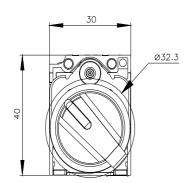
Global Warming Poten	tial [CO2 eq] after end of	life	-0.015 kg		
Siemens Eco Profile (S			Siemens EcoTech		
nstallation/ mounting/	dimensions				
fastening method					
<ul> <li>of modules and</li> </ul>	accessories		Front plate mounting		
height			40 mm		
width			32.3 mm		
shape of the installat	ion opening		round		
mounting diameter		:	22.3 mm		
positive tolerance of	installation diameter		0.4 mm		
mounting height			28.8 mm		
installation width			32.3 mm		
installation depth			49.7 mm		
Approvals Certificates					
General Product App	roval	rnr	Test Certificates Special Test Certific-	Marine / Shipping	
General Product App	c (Un us	EAC		Marine / Shipping	PRS
General Product App	other	ERIC	Special Test Certific-	Marine / Shipping	PRS
CCC	c UL us	Environment	Special Test Certific-	Marine / Shipping	PRS
Marine / Shipping	other Confirmation	EPD	Siemens	Marine / Shipping	PRS

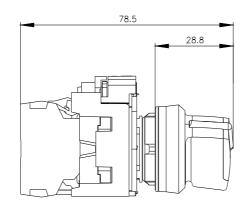
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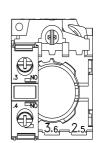
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SU1100-2BF10-1BA0

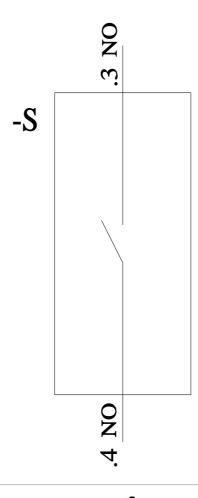
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